

# ELECTROMAGNETIC EMISSION COMPLIANCE REPORT FOR LOW-POWER, NON-LICENSED TRANSMITTER

**Test Report No.** : OT-204-RWD-032  
**AGR No.** : A202A-218  
**Applicant** : C&A Marketing Inc.  
**Address** : 114 Tived Lane East, Edison, New Jersey, 08837, United States  
**Manufacturer** : C&A Marketing Inc.  
**Address** : 114 Tived Lane East, Edison, New Jersey, 08837, United States  
**Type of Equipment** : KODAK STEP INSTANT MOBILE PHOTO PRINTER  
**FCC ID.** : 2AD2W-RODMP20  
**Model Name** : RODMP20  
**Serial number** : N/A  
**Total page of Report** : 7 pages (including this page)  
**Date of Incoming** : March 09, 2020  
**Date of issue** : April 01, 2020

## SUMMARY

The equipment complies with the regulation; *FCC PART 15 SUBPART C Section 15.247*

This test report only contains the result of a single test of the sample supplied for the examination.

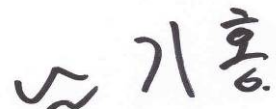
It is not a generally valid assessment of the features of the respective products of the mass-production.

Reviewed by:



Tae-Ho, Kim / Senior Manager  
ONETECH Corp.

Approved by:



Ki-Hong, Nam / General Manager  
ONETECH Corp.

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**Revision History**

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-204-RWD-032	April 01, 2020	Initial Release	All

## 1. VERIFICATION OF COMPLIANCE

Applicant : C&A Marketing Inc.  
Address : 114 Tived Lane East, Edison, New Jersey, 08837, United States  
Contact Person : Chaim, Piekarski / Chief Executive Officer  
Telephone No. : +8482442000  
FCC ID : 2AD2W-RODMP20  
Model Name : RODMP20  
Brand Name : Canon  
Serial Number : N/A  
Date : April 01, 2020

EQUIPMENT CLASS	DSS – PART 15 SPREAD SPECTRUM TRANSMITTER
E.U.T. DESCRIPTION	KODAK STEP INSTANT MOBILE PHOTO PRINTER
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	ANSI C63.10: 2013
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
EQUIPMENT WILL BE OPERATED UNDER FCC RULES PART(S)	FCC PART 15 SUBPART C Section 15.247 KDB 558074 D01 15.247 Meas Guidance v05r02
Modifications on the Equipment to Achieve Compliance	None
Final Test was Conducted On	3 m, Semi Anechoic Chamber

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

## 2. GENERAL INFORMATION

### 2.1 Product Description

The C&A Marketing Inc. , Model RODMP20 (referred to as the EUT in this report) is a KODAK STEP INSTANT MOBILE PHOTO PRINTER. The product specification described herein was obtained from product data sheet or user's manual.

DEVICE TYPE	KODAK STEP INSTANT MOBILE PHOTO PRINTER	
Temperature Range	5 °C ~ 40 °C	
OPERATING FREQUENCY	2 402 MHz ~ 2 480 MHz	
MODULATION TYPE	GFSK for 1Mbps, $\pi/4$ -DQPSK for 2Mbps, 8-DPSK for 3Mbps	
RF OUTPUT POWER	1 Mbps	6.25 dBm
	2 Mbps	4.80 dBm
	3 Mbps	5.16 dBm
ANTENNA TYPE	Chip Antenna	
ANTENNA GAIN	1.80 dBi	
List of each Osc. or crystal Freq.(Freq. >= 1 MHz)	24 MHz	

### 2.2 Alternative type(s)/model(s); also covered by this test report.

-. None

## 3. EUT MODIFICATIONS

-. None

## 4. MAXIMUM PERMISSIBLE EXPOSURE

### 4.1 Applicable Standard

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

This is a Portable device with its physical nature to be used nearby, the distance between radiating structure and human is less than 20 cm.

As per KDB 447498 D01, The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$$[(\text{Max. Power of channel, including tune-up tolerance, mW}) / (\text{Min. test separation distance, mm})] \times [\sqrt{f(\text{GHz})}]$$
  
 $< 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR, where

F(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison.

### 4.2 EUT Description

Kind of EUT	KODAK STEP INSTANT MOBILE PHOTO PRINTER
Device Category	<input checked="" type="checkbox"/> Portable (< 20 cm separation) <input type="checkbox"/> Mobile (> 20 cm separation) <input type="checkbox"/> Others
Exposure Evaluation Applied	<input type="checkbox"/> MPE <input type="checkbox"/> SAR <input checked="" type="checkbox"/> N/A

### 4.3 Test Result

According to the procedure, KDB 447498 D01, the standalone SAR test exclusion threshold is

$$[(\text{Max. Power of channel, including tune-up tolerance, mW})/(\text{Mim. test separation distance, mm})] \times [\sqrt{f(\text{GHz})}] < 3$$

$$= (4.47/5) \times \sqrt{2.441} = 1.40$$

Conclusion: The SAR test exclusion threshold is less than 3, so the device meets the RF Exposure Requirement and are excluded from SAR Test.

Operating Mode	Frequency (MHz)	Target Power W/tolerance (dBm)	Max tune up power (dBm)	Max tune up power (mW)	Separation distance (mm)	RF exposure
Bluetooth_1 Mbps	2 402.00	5.5 ± 0.5	6.00	3.98	5.00	1.23
	2 441.00	6.0 ± 0.5	6.50	4.47	5.00	1.40
	2 480.00	4.0 ± 0.5	4.50	2.82	5.00	0.89
Bluetooth_2 Mbps	2 402.00	4.0 ± 0.5	4.50	2.82	5.00	0.87
	2 441.00	4.5 ± 0.5	5.00	3.16	5.00	0.99
	2 480.00	2.0 ± 0.5	2.50	1.78	5.00	0.56
Bluetooth_3 Mbps	2 402.00	4.5 ± 0.5	5.00	3.16	5.00	0.98
	2 441.00	5.0 ± 0.5	5.50	3.55	5.00	1.11
	2 480.00	2.5 ± 0.5	3.00	2.00	5.00	0.63



Tested by: Hyung-Kwon, Oh / Manager